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FILE 'HOME' ENTERED AT 11:29:54 ON 01 AUG 2007

=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 11:30:27 ON 01 AUG 2007

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STRUCTURE FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

DICTIONARY FILE UPDATES: 31 JUL 2007 HIGHEST RN 943817-00-3

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<http://www.cas.org/support/stngen/stndoc/properties.html>

=> file ca

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.45	0.66

FULL ESTIMATED COST

FILE 'CA' ENTERED AT 11:30:41 ON 01 AUG 2007

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FILE COVERS 1907 - 26 Jul 2007 VOL 147 ISS 6

FILE LAST UPDATED: 26 Jul 2007 (20070726/ED)

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This file contains CAS Registry Numbers for easy and accurate

substance identification.

=> s didemethyl and formyl and azithromycin

179 DIDEMETHYL

35054 FORMYL

3525 AZITHROMYCIN

L1 0 DIDEMETHYL AND FORMYL AND AZITHROMYCIN

=> s demethyl and formyl and azithromycin

2906 DEMETHYL

35054 FORMYL

3525 AZITHROMYCIN

L2 0 DEMETHYL AND FORMYL AND AZITHROMYCIN

=> s formylazithromycin

L3 0 FORMYL AZITHROMYCIN

=> s ketoazithromycin

L4 0 KETO AZITHROMYCIN

=> s aminoazithromycin

L5 2 AMINO AZITHROMYCIN

=> d 15 1-2

L5 ANSWER 1 OF 2 CA COPYRIGHT 2007 ACS on STN

AN 139:312557 CA

TI Analysis of unknown compounds in azithromycin bulk samples with liquid chromatography coupled to ion trap mass spectrometry

AU Debremaeker, D.; Visky, D.; Chepkwony, H. K.; Van Schepdael, A.; Roets, E.; Hoogmartens, J.

CS Faculteit Farmaceutische Wetenschappen, Laboratorium voor Farmaceutische Chemie en Analyse van Geneesmiddelen, Katholieke Universiteit Leuven, Louvain, B-3000, Belg.

SO Rapid Communications in Mass Spectrometry (2003), 17(4), 342-350  
CODEN: RCMSEF; ISSN: 0951-4198

PB John Wiley & Sons Ltd.

DT Journal

LA English

RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 2 OF 2 CA COPYRIGHT 2007 ACS on STN

AN 130:218265 CA

TI 9a-Azalides as veterinary antimicrobial agents

IN Kro, Helmut; Farrington, Daniel O.; Clark, Jeffrey N.; Ratcliffe, Ronald W.; Wilkening, Robert D.

PA Merck & Co., Inc., USA

SO PCT Int. Appl., 16 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9912552	A1	19990318	WO 1998-US18579	19980904
	W: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KG, KR, KZ, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, SL, TJ, TM, TR, TT, UA, US, UZ, VN, YU				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				

CA 2302010	A1	19990318	CA 1998-2302010	19980904
AU 9893053	A	19990329	AU 1998-93053	19980904
AU 731842	B2	20010405		
EP 1011689	A1	20000628	EP 1998-945912	19980904
EP 1011689	B1	20070131		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
NZ 502861	A	20010330	NZ 1998-502861	19980904
JP 2001515865	T	20010925	JP 2000-510449	19980904
AT 353014	T	20070215	AT 1998-945912	19980904
EP 1779853	A2	20070502	EP 2007-1854	19980904
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
US 6339063	B1	20020115	US 2000-508489	20000511
PRAI US 1997-58330P	P	19970910		
GB 1998-6420	A	19980325		
EP 1998-945912	A3	19980904		
WO 1998-US18579	W	19980904		
OS MARPAT 130:218265				

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 15 1-2 an ab

L5 ANSWER 1 OF 2 CA COPYRIGHT 2007 ACS on STN  
AN 139:312557 CA  
AB A selective reversed-phase liquid chromatog./mass spectrometry (LC/MSn) method is described for the identification of azithromycin impurities and related substances in com. azithromycin samples. Mass spectral data are acquired on an LCQ ion trap mass spectrometer equipped with an atmospheric pressure chemical ionization interface operated in pos. ion mode. The LCQ provides online LC/MSn capability, making it ideally suited for identification purposes. In comparison with UV detection, this hyphenated technique provides as its main advantage efficient identification of novel substances without time-consuming isolation and purification procedures. Using this technique, six novel related substances detected in com. azithromycin samples have been studied.

L5 ANSWER 2 OF 2 CA COPYRIGHT 2007 ACS on STN  
AN 130:218265 CA  
AB 9A-Azalides are useful in the treatment and prevention of bacterial respiratory and enteric infections in livestock animals, particularly in cattle and swine. The 9a-azalide is selected from azithromycin, 4''-epi-azithromycin, 4''-deoxy-4''-aminoazithromycin, and 4''-epi-4''-deoxy-4''-aminoazithromycin.

=> s didehydroazithromycin  
L6 0 DIDEHYDROAZITHROMYCIN

## Freeform Search

Database:

US Pre-Grant Publication Full-Text Database  
US Patents Full-Text Database  
US OCR Full-Text Database  
EPO Abstracts Database  
JPO Abstracts Database  
Derwent World Patents Index  
IBM Technical Disclosure Bulletins

Term:

azithromycin near5 degradation

Display:  Documents in Display Format:  Starting with Number Generate: ☐ Hit List ☒ Hit Count ☐ Side by Side ☐ Image

Search

Clear

Interrupt

### Search History

DATE: Wednesday, August 01, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)**Set Name Query**

side by side

**Hit Count Set Name**

result set

DB=USPT; PLUR=YES; OP=OR

<u>L11</u>	azithromycin near5 degradation	8	<u>L11</u>
<u>L10</u>	azithromycin near5 drying	11	<u>L10</u>
<u>L9</u>	azithromycin near10 drying	12	<u>L9</u>
<u>L8</u>	azithromycin near10 overdrying	0	<u>L8</u>
<u>L7</u>	amino near10 azithromycin	10	<u>L7</u>
<u>L6</u>	amino near20 azithromycin	15	<u>L6</u>
<u>L5</u>	keto near20 azithromycin	0	<u>L5</u>
<u>L4</u>	ketoazithromycin	0	<u>L4</u>
<u>L3</u>	formylazithromycin	0	<u>L3</u>
<u>L2</u>	formyl near20 azithromycin	0	<u>L2</u>
<u>L1</u>	formyl near5 azithromycin	0	<u>L1</u>

END OF SEARCH HISTORY